

CLAIMS

What is claimed is:

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1. In a server system communicatively coupled to a mobile device, a method for retrieving and communicating information, said method comprising the steps of:

receiving instruction from said mobile device which identifies

10 information;

retrieving said information;

formatting said information into a form compatible with facsimile transmission; and

transmitting said information to a facsimile system.

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2. The method as recited in Claim 1 further comprising the steps of:

formatting said information into a form compatible with said mobile device; and

sending said information to said mobile device.

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3. The method as recited in Claim 1 wherein said information comprises information displayed on said mobile device.

4. The method as recited in Claim 1 wherein said information comprises a corpus of information corresponding to information displayed on said mobile device.

5. The method as recited in Claim 1 wherein said information comprises a webpage and wherein said method further comprises receiving a Universal Resource Locator (URL) designating said webpage.

6. The method as recited in Claim 1 wherein said information is webpages, files, documents, graphics, spreadsheets, databases, e-mail, voice-to-text, voice-to-e-mail, or any other electronically formatted data.

7. The method as recited in Claim 1 wherein said server system is communicatively coupled to said mobile device via a wireless network.

8. The method as recited in Claim 7 wherein said wireless network includes the Internet.

9. The method as recited in Claim 1 further comprising:
receiving a facsimile transmission command; and
receiving a facsimile (Fax) number wherein a facsimile system is designated as a transmission destination.

10. The method as in Claim 1 further comprising transmitting to a designated facsimile (Fax) number.

11. A server system comprising:

5 a bus;

a communication interface coupled to said bus, said communication interface operable to communicatively couple with a mobile device and a facsimile system;

a processor coupled to said bus;

10 said processor for performing a method of retrieving and communicating information, said method comprising the steps of:

receiving instruction from said mobile device which identifies information;

retrieving said information;

15 formatting said information into a form compatible with facsimile transmission; and

transmitting said information to a facsimile system.

12. The server system of Claim 11 wherein said method further
20 comprises the steps of:

formatting said information into a form compatible with said mobile device; and

sending said information to said mobile device.

13. The server system of Claim 11 wherein said information comprises information displayed on said mobile device.

5 14. The server system of Claim 11 wherein said information comprises a corpus of information corresponding to information displayed on said mobile device.

10 15. The server system of Claim 11 wherein said information comprises a webpage and wherein said method further comprises receiving a Universal Resource Locator (URL) designating said webpage.

15 16. The server system of Claim 11 wherein said information is webpages, files, documents, graphics, spreadsheets, databases, e-mail, voice-to-text, voice-to-e-mail, or any other electronically formatted data.

17. The server system of Claim 11 wherein said server system is communicatively coupled to said mobile device via a wireless network.


20 18. The server system of Claim 17 wherein said wireless network includes the Internet.

19. The server system of Claim 11 wherein said method further comprises:

receiving a facsimile transmission command; and

receiving a facsimile (Fax) number wherein a facsimile system is
5 designated as a transmission destination.

20. The server system of Claim 11 wherein said method further comprises transmitting to a designated facsimile (Fax) number.

10  21. A method of using a mobile device communicatively coupled to a server system for retrieving and communicating information, said method comprising the steps of:

sending a request for information to said server system;

receiving at said mobile device information responsive to said
15 request;

displaying said information at said mobile device; and

instructing said server system to transmit said information to a
designated facsimile.

20 22. The method according to Claim 21 further comprising instructing said server system to transmit a corpus of information corresponding to information displayed on said mobile device.

23. The method as recited in Claim 21 further comprising instructing said server system to transmit a webpage.

24. The method according to step 23 wherein said webpage is
5 designated by a corresponding Universal Resource Locator (URL).

25. The method as recited in Claim 21 wherein said information is webpages, files, documents, graphics, spreadsheets, databases, e-mail, voice-to-text, voice-to-e-mail, or any other electronically formatted data.

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26. The method as recited in Claim 21 wherein said mobile device is communicatively coupled to said server system via a wireless network.

27. The method according to Claim 26 wherein said wireless network
15 includes the Internet.

28. The method as recited in Claim 21 further comprising the steps of:
sending a facsimile transmission command; and
sending a facsimile (Fax) number wherein a facsimile system is
20 designated as a transmission destination.

29. A computer-usable medium having a computer-readable program code embodied therein for causing a computer system to perform the steps of:

receiving instruction from a mobile device which identifies
information to be communicated;

retrieving said information;

formatting said information into a form compatible with facsimile

5 transmission; and

transmitting said information to a facsimile system.

30. The computer-usable medium of Claim 29 wherein said computer-
readable program code embodied therein causes a computer system to perform

10 the steps of:

formatting said information into a form compatible with said mobile
device; and

sending said information to said mobile device.

15 31. The computer-usable medium of Claim 29 wherein said
information comprises information displayed on said mobile device.

32. The computer-usable medium of Claim 29 wherein said
information comprises a corpus of information corresponding to information
20 displayed on said mobile device.

33. The computer-usable medium of Claim 29 wherein said
information comprises a webpage and wherein said computer system further

performs the step of receiving a Universal Resource Locator (URL) designating said webpage.

34. The computer-usable medium of Claim 29 wherein said
5 information is webpages, files, documents, graphics, spreadsheets, databases, e-mail, voice-to-text, voice-to-e-mail, or any other electronically formatted data.

35. The computer-usable medium of Claim 29 wherein said computer
system is communicatively coupled to said mobile device via a wireless
10 network.

36. The computer-usable medium of Claim 35 wherein said wireless
network includes the Internet.

15 37. The computer-usable medium of Claim 29 wherein said computer-readable program code embodied therein further causes said computer system to perform the steps of:

receiving a facsimile transmission command; and

receiving a facsimile (Fax) number wherein a facsimile system is
20 designated as a transmission destination.

38. A system for retrieving and communicating information, said
system comprising:

means for receiving an instruction from a mobile device which identifies information to be communicated;

means for retrieving said information;

means for formatting said information into a form compatible with

5 facsimile transmission; and

means for transmitting said information to a facsimile system according to said instruction.

39. The system as recited in Claim 39 further comprising:

10 means for formatting said information into a form compatible with said mobile device; and

means for sending said information to said mobile device.

40. The system as recited in Claim 39 wherein said information

15 comprises information displayed on said mobile device.

41. The system as recited in Claim 39 wherein said information comprises a corpus of information corresponding to information displayed on said mobile device.

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42. The system as recited in Claim 39 wherein said information comprises a webpage and wherein said means further comprises means of receiving a Universal Resource Locator (URL) designating said webpage.

43. The system as recited in Claim 39 wherein said information is webpages, files, documents, graphics, spreadsheets, databases, e-mail, voice-to-text, voice-to-e-mail, or any other electronically formatted data.

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44. The system as recited in Claim 39 wherein said system is communicatively coupled to said mobile device via a wireless network.

45. The system as recited in Claim 45 wherein said wireless network includes the Internet.

46. The system as recited in Claim 39 further comprising:
means for receiving a facsimile transmission command; and
means for receiving a facsimile (Fax) number wherein a facsimile
system is designated as a transmission destination.

47. The system as recited in Claim 48 further comprising means of transmitting by facsimile to a designated facsimile (Fax) number.

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UNITED STATES PATENT AND TRADEMARK OFFICE
DOCUMENT CLASSIFICATION BARCODE SHEET



Abstract

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METHOD AND SYSTEM FOR SENDING FACSIMILE TRANSMISSIONS
FROM MOBILE DEVICES VIA A WEB SERVER

ABSTRACT

A system and method for sending facsimile transmissions from mobile
5 devices via web servers wherein a mobile device receives and displays a
limited subset of available data on an installed display, a user decides to
receive more information than is possible to display on the mobile device
display, in hard copy format at a certain locus or elsewhere. The information is
ordered using the mobile device and received from the server by facsimile
10 transmission via any facsimile system at any telephone number specified. By
this system and method, any facsimile system anywhere becomes an
accessible printer. Further, screen snapshots of the limited data appearing on
mobile digital communication device displays, complete reproductions of
unlimited data represented on the mobile device, and other information
15 specified via the mobile device, including webpages may be reproduced in
hard copy format by facsimile transmission.